

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/780,638
Filing Date	February 19, 2004
First Named Inventor	Ming Bo Wang et al.
Examiner Name	Cathy Kingdon Worley
Attorney Docket No.	1021565-000156

U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
RK	5,354,854		BOURQUE et al.	10-11-1994
RK	6,146,886		THOMPSON	11-14-2000

FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
RK	02/29028	A2	International	04-11-2002							X
RK	0 387 775	B1	EP	03-13-1990							X
RK	02/059294	A1	International	08-01-2002				X			
RK	00/63397	A2	International	10-26-2000				X			
RK	99/53050	A1	International	10-21-1999				X			
RK	98/530083	A1	International	11-26-1998				X			
RK											

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
RK	BOURQUE et al., "Suppression of gene expression in plant cells utilizing antisense sequences transcribed by RNA polymerase III," <i>Plant Molecular Biology</i> , 1992, vol. 19, pp. 641-647, Kluwer Academic Publishers, Belgium.		
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RK	HAMILTON et al., "A transgene with repeated DNA causes high frequency, post-transcriptional suppression of ACC-oxidase gene expression in tomato," <i>The Plant Journal</i> , 1998, vol. 15, no. 6, pp. 737-746, Blackwell Sciences, Oxford, England.		
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RK	PAUL et al., "Effective expression of small interfering RNA in human cells," <i>Nature Biotechnology</i> , 2002, vol. 20, pp. 505-508, Nature America, New York, New York.		
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Examiner Signature	/Russell Kallis/	Date Considered	01/22/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitute for form 1449/PTO & 1449B/PTO <div style="text-align: center;"> FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) </div>	<div style="text-align: right;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/780,638</td> </tr> <tr> <td>Filing Date</td> <td>February 19, 2004</td> </tr> <tr> <td>First Named Inventor</td> <td>Ming Bo Wang et al.</td> </tr> <tr> <td>Examiner Name</td> <td>Cathy Kingdon Worley</td> </tr> <tr> <td>Attorney Docket No.</td> <td>1021565-000156</td> </tr> </table>	Application Number	10/780,638	Filing Date	February 19, 2004	First Named Inventor	Ming Bo Wang et al.	Examiner Name	Cathy Kingdon Worley	Attorney Docket No.	1021565-000156
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RK	cells," <i>PNAS</i> , vol. 99, no. 8, National Academy of Sciences, Washington, D.C.
RK	WATERHOUSE et al., "Virus resistance and gene silencing in plants can be induced by simultaneous expression of sense and antisense RNA," <i>Proc. Natl. Acad. Sci. USA</i> , 1998, vol. 95, pp. 13959-13964, The National Academy of Sciences, Washington, D.C.
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RK	WANG et al., "Application of gene silencing in plants," <i>Current Opinion in Plant Biology</i> , 2001, vol. 5, pp. 146-150, Current Biology Ltd., London, England.
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RK	PADDISON et al., "Short hairpin RNAs (shRNAs) induce sequence-specific silencing in mammalian cells," <i>Genes & Development</i> , 2002, vol. 16, pp. 948-958, Cold Spring Harbor Laboratory Press, New York, New York.
RK	Gene Therapy Systems Inc. Catalog at index and Tables 1 and 2 (2002) (http://www.genetherapysystems.com/catalog/index.cfm) (accessed 18 March 2004).
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Substitute for form 1449/PTO & 1449B/PTO **NOV 07 2006** **AP-56** **COMPLETE IF KNOWN**

SECOND INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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Sheet 1 of 2

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Filing Date	February 19, 2004
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RK	"Tomato U5 small nuclear RNA gene," NCBI Entrez Accession No. X51447, 13-MAR-1990 (downloaded from www.ncbi.nih.gov on 03/02/2003).

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SECOND
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Examiner Name	Russell Kallis
Attorney Docket No.	1021565-000156

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RK	"A. thaliana U3C snRNA gene," NCBI Entrez Accession No. X52630, 27-SEP-1990 (downloaded from www.ncbi.nih.gov on 03/02/2003).
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